FIG. 1

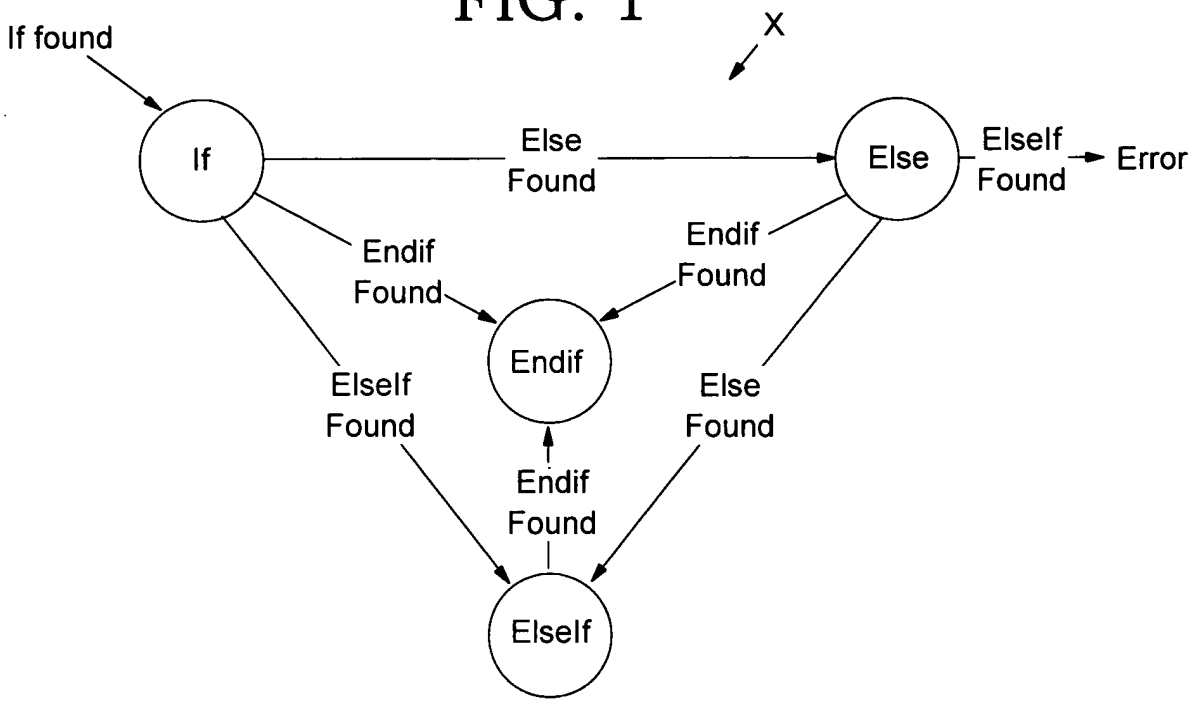

X
If found
If
Else Found
Else
ElseIf Found
Error
Endif Found
Endif Found
Endif
ElseIf Found
Else Found
Endif Found
ElseIf

FIG. 2

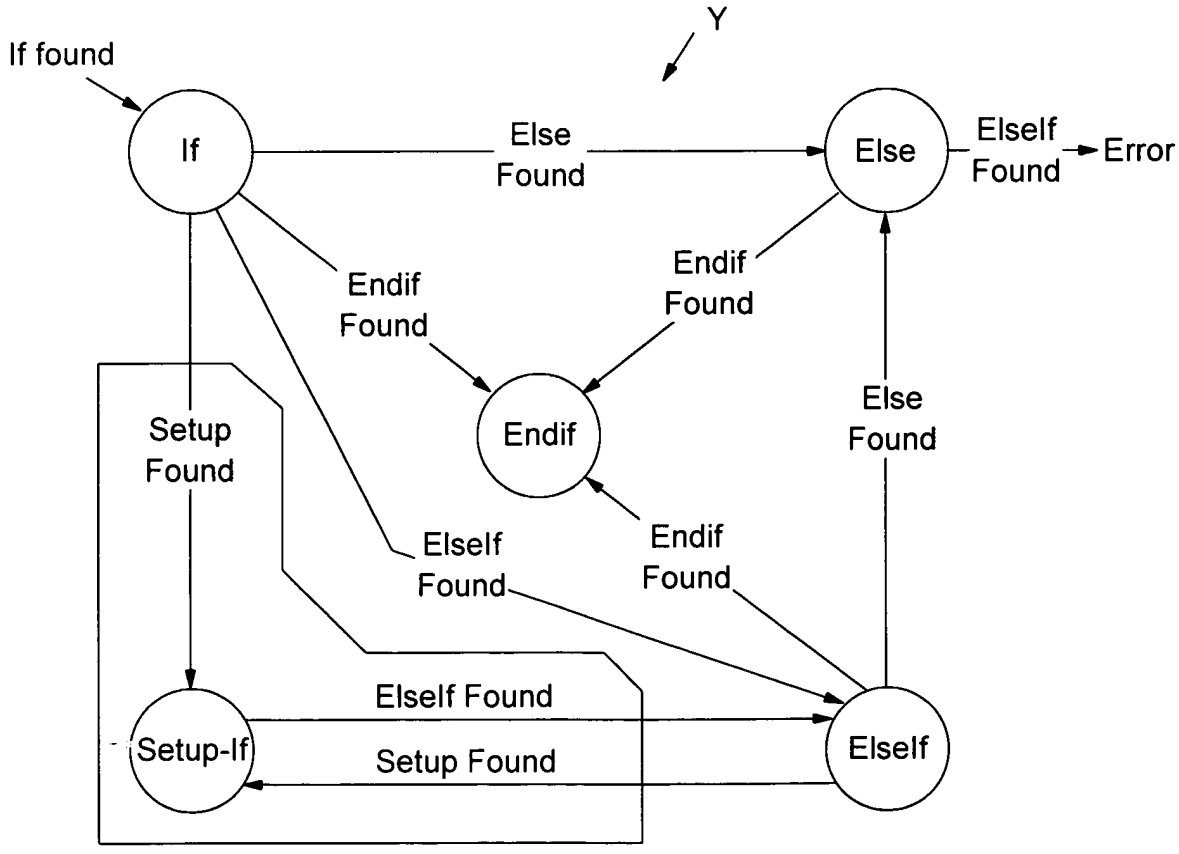

Y
If found
If
Else Found
Else
ElseIf Found
Error
Endif Found
Endif Found
Endif
Setup Found
Else Found
ElseIf Found
Endif Found
ElseIf Found
Setup-If
Setup Found
ElseIf

FIG. 3

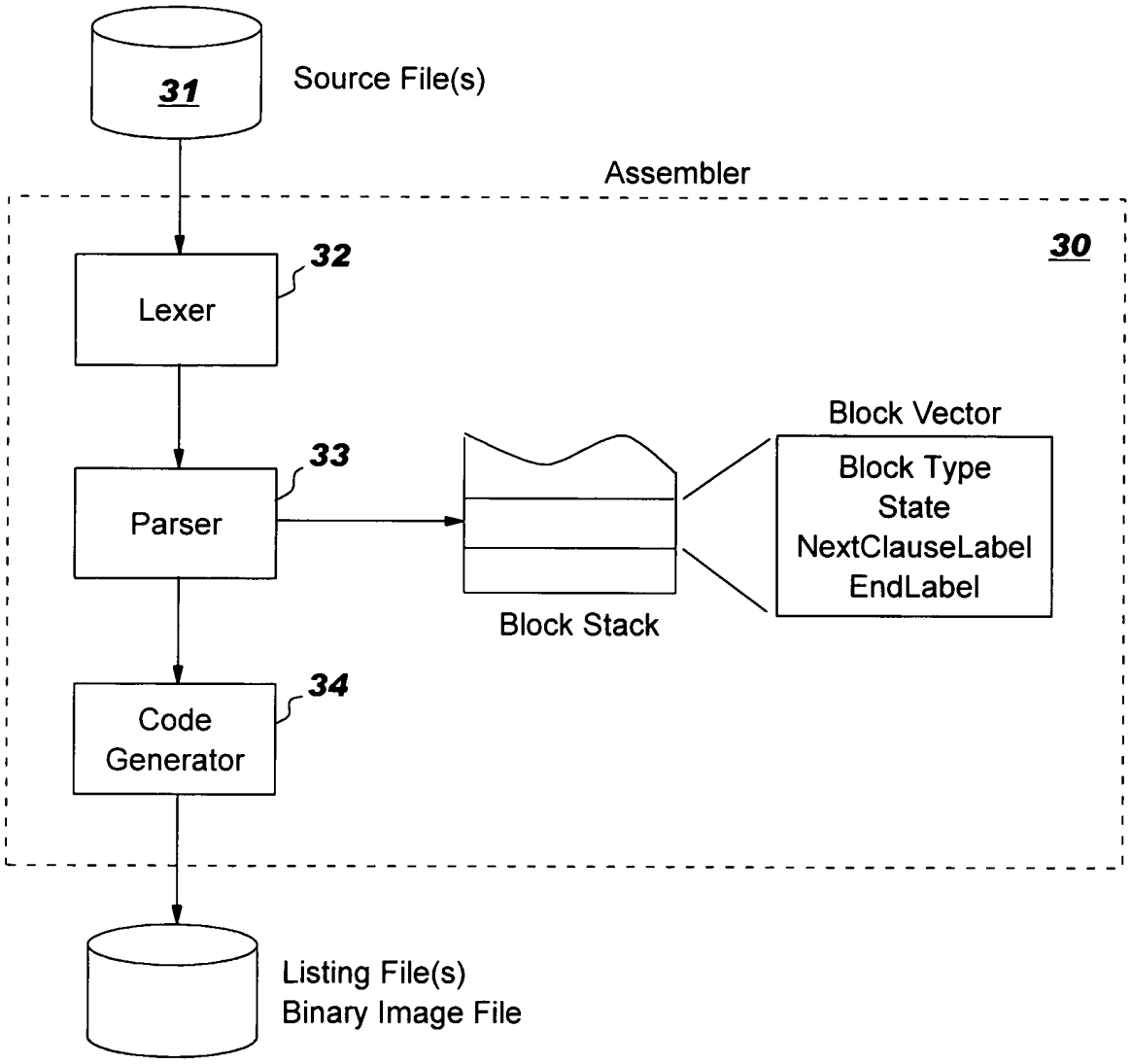
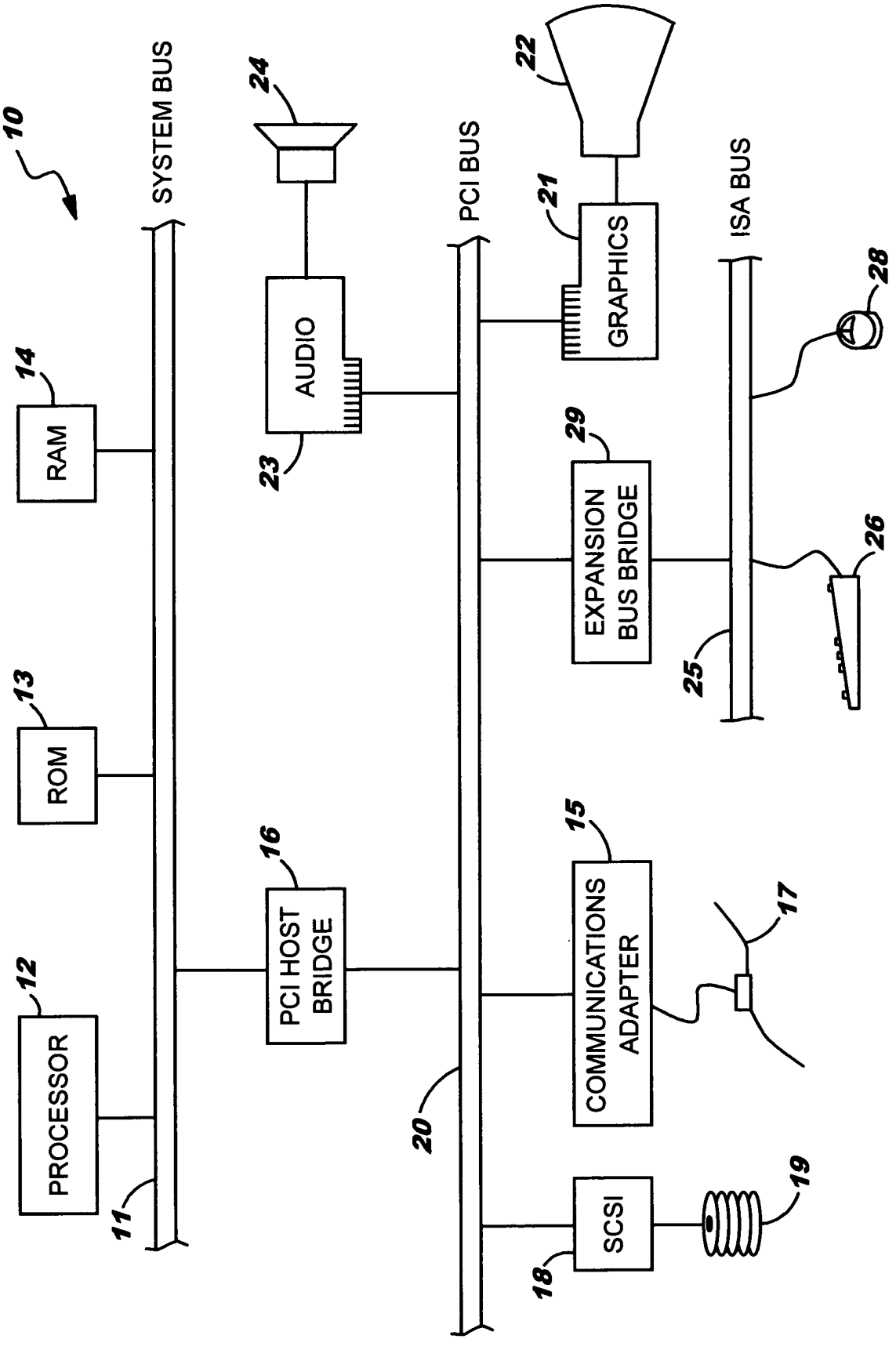

31
Source File(s)
Assembler
30
32
Lexer
33
Parser
Block Vector
Block Type
State
NextClauseLabel
EndLabel
Block Stack
34
Code
Generator
Listing File(s)
Binary Image File

FIG. 4


10
SYSTEM BUS
11
PROCESSOR
12
ROM
13
RAM
14
PCI HOST BRIDGE
16
PCI BUS
20
AUDIO
23
24
GRAPHICS
21
22
EXPANSION BUS BRIDGE
29
ISA BUS
25
26
28
COMMUNICATIONS ADAPTER
15
17
SCSI
18
19